



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/742,955	12/20/2000	Tammara Combs	80994DMW	8704

7590

03/18/2004

Thomas H. Close  
Patent Legal Staff  
Eastman Kodak Company  
343 State Street  
Rochester, NY 14650-2201

EXAMINER

SAX, STEVEN PAUL

ART UNIT

PAPER NUMBER

2174

DATE MAILED: 03/18/2004

8

Please find below and/or attached an Office communication concerning this application or proceeding.

28

**Office Action Summary**

Application No.

09/742,955

Applicant(s)

COMBS ET AL.

Examiner

Steven P Sax

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 18 December 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

Art Unit: 2174

### DETAILED ACTION

1. This application has been examined. The response filed 12/18/03 has been entered.

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cohen et al (6222937) and Schmitt (5983220).

4. Regarding claim 1, Cohen et al show navigating pictures (column 2 lines 20-45), providing first, second, and third dimensions representing first, second, and third characteristics of grouped pictures (Figure 7, Figure 21, column 5 lines 5-35, column 7 lines 39-60, column 18 lines 35-50), and providing in a scatter plot a plurality of pictures according to each dimension along each axis (Figure 7, column 7 lines 39-60). The third dimension is evidenced by distinct visual characteristics of the icons (shading, Figure 7). Cohen et al do not specifically show how the pictures are retrieved from a

Art Unit: 2174

database, where each icon represents a group of pictures in a database, but Schmitt shows this (abstract, Figure 16, 23, column 2 lines 35-65) to navigate pictures. It would have been obvious to a person with ordinary skill in the art to have this in Cohen et al, because it would provide a convenient way to navigate pictures.

5. Regarding claim 2, Schmitt shows that the dimensions along the display for the icons are determined by metadata stored with the picture data (Figures 3, 9). It would have been obvious to a person with ordinary skill in the art to have this in Cohen et al, because it would provide a convenient way to navigate pictures along axes.

6. Regarding claim 3, those metadata in Schmitt are configurable by a user to represent specific characteristics and attributes (column 4 lines 25-52). This is part of the feature in which the obviousness to combine follows as above.

7. Regarding claim 4, the dimensions are linked and changes to one affect the others (Cohen et al Figure 33, column 16 lines 20-57).

8. Regarding claim 5, the groups of pictures are pictures in a common strip of film (Cohen et al column 4 lines 5-15, column 5 lines 1-14, different shots taken of the same object, also column 7 lines 30-40).

Art Unit: 2174

9. Regarding claim 6, the third dimension is evidenced by shading/color differences (Cohen et al Figure 7).

10. Regarding claim 7, the gradations are determinable by a user (Cohen et al Figures 7, 9A-E, column 7 lines 15-25).

11. Regarding claim 8, neither Cohen et al nor Schmitt show identifiable persons, but Official Notice is taken that this is possible. It would have been obvious to a person with ordinary skill in the art to have identifiable persons as pictures in Cohen et al, because it would be a convenient attribute or characteristic to use.

12. Regarding claim 9, Cohen et al show the characteristics show an identifiable object (column 4 lines 5-15, same identifiable object).

13. Regarding claim 10, Schmitt shows identifiable events (Figure 26, car feature selection). It would have been obvious to a person with ordinary skill in the art to have this in the pictures of Cohen et al, because it would be a convenient attribute or characteristic to use.

Art Unit: 2174

14. Regarding claim 11, the pictures characteristics in Cohen et al include temporal information (column 6 lines 5-19).

Art Unit: 2174

15. Regarding claims 12-13, the date or time of day of capture is not specifically mentioned in Cohen et al or Schmitt, but Official Notice is taken that this is possible. It would have been obvious to a person with ordinary skill in the art to have this, because it would provide a convenient way to obtain temporal information.

16. Regarding claim 14, the characteristics include identifiable capture locations (column 7 lines 15-47, column 25 lines 5-36).

17. Regarding claim 15, the characteristics include explanatory comments (Schmitt Figure 16). It would have been obvious to a person with ordinary skill in the art to include this in Cohen et al, because it would provide a convenient way to navigate pictures.

18. Claims 16-30 show the same features as claims 1-15 respectively and are rejected for the same reasons.

19. Applicant's arguments filed 12/18/03 have been fully considered but they are not persuasive. Regardless of whether the pictures are of the same image or not, Cohen et al do in fact show the group of pictures. Cohen et al further in fact show navigating among the multiple pictures. The functionality in fact shows that. The three dimensions are in fact different characteristics as shown. The multidimensional database of the pictures in fact satisfies what is claimed. The rectangular shapes in fact are images

Art Unit: 2174

and form the scatter plot. Navigation is common in the art as is the retrieving mechanisms, and the motivation to combine Cohen et al and Schmitt is valid to provide a convenient way to navigate pictures.

20. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension-fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

21. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven P Sax whose telephone number is 703-305-9582. The examiner can normally be reached on M-F 8:30AM - 5:00PM.

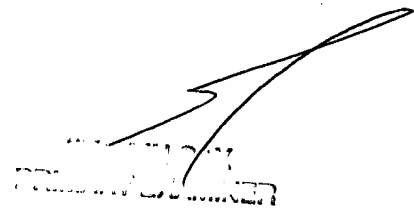
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached on 703-308-0640. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.



Art Unit: 2174

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

\*\*\*

A handwritten signature in black ink, appearing to be "J. L. [unclear]", is written over a faint, rectangular stamp that is mostly illegible.